

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by G.F. Brown Source of data C.N. Gerald Date 2-24-37 Map Swan Lake

State Mississippi 28 County (or town) Washington 76

Latitude: 33° 05' 20" N Longitude: 090° 56' 59" W Sequential number: 1

Lat-long accuracy: 2 T. 14 S, R. 7 E Sec 6, NE & SE

Local well number: 5040AD0614N07W Other number: 1 B & M

Local use: _____ Owner or name: J.K. WILLIS
Formerly Leslie Dell Plant.

Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: H

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: K

Freq. sampling: Pumpage inventory: no, period: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1200 ft 1200 Meas. 6
accuracy

Depth cased: _____ ft Casing type: _____; Diam. 4 in 4

Finish: porous concrete, gravel w. screen, gravel w. gallery, horiz. open end, perf., screen, sd. pt., shored, open hole, other S

Method Drilled: air bored, cable, dug, hyd rot., jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 1914 914 Pump intake setting: _____ ft

Driller: Layne Bowler

Lift (type): air, bucket, cent. jet, multiple, multiple, none, piston, rot, submerg, turb, other J Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. 1/4 S Trans. or meter no. _____

Descrip. MP Top of well cross which is 1 ft above LSD. Alt. MP 110.4

Alt. LSD: 109.4 109 Accuracy: _____ instrument 0

Water Level + 7.6 ft above below MP; Ft below LSD + 9 Accuracy: _____ H

Date meas: 2-24-39 239 Yield: _____ gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct 790 K x 10⁶ 4 Temp. 67 °F 67 Date sampled N 6 7

Taste, color, etc. Slight yellow color; some foam

Well No. 540

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD Physiographic Province: Coastal Plain 0:3 Section: Miss. River

all plain E Drainage Basin: 1:5:1 Subbasin:

(D) (C) (E) (F) (H) (K) (L)
of depression, stream channel, dunes, flat, hilltop, sink, swamp,
site: (O) (P) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat 27

PERIOD: Tertiary, Eocene TE Sparta Sand SS
system series aquifer, formation, group

Geology: unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: ft

 Length of well open to: ft Depth to top of: ft

PERIOD:
system series aquifer, formation, group

Geology: Origin: Aquifer Thickness: ft

 Length of well open to: ft Depth to top of: ft

Remarks: Unknown

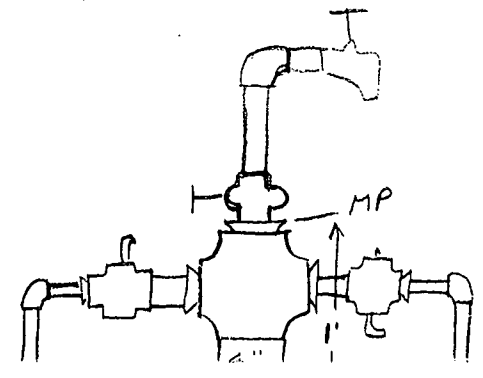
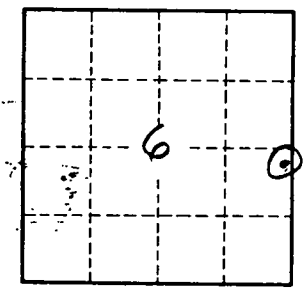
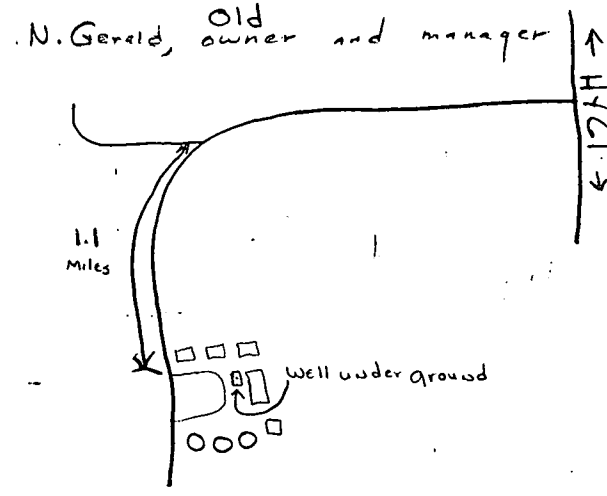
Depth to consolidated rock: ft Source of data:

Depth to cement: ft Source of data:

Infiltration characteristics:

Coefficient of permeability: gpd/ft Coefficient of storage:

Coefficient of transmissibility: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:



5-8-68
WL: 20.00
-4.38

15.62
+4.00

WL 19.62 GL

Well No. 540